



DT07 Rec'd PCT/PTO

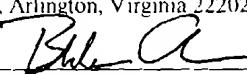
4121-129

21 FEB 2003  
PCT**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re United States Patent Application of:	)	Customer No.:	23448	
	)			
Applicant:	Annemarie Poustka, et al.	)		
	)			
Serial No.:	09/914,549	)	Atty. Docket No.:	4121-129
	)			
Filing Date	24 August 2001	)	Confirmation No.:	9711
	)			
International Filing Date:	28 February 2000	)		
	)			
Title:	PROTEIN (TP) THAT IS INVOLVED IN THE DEVELOPMENT OF THE NERVOUS SYSTEM	)	 23448 PATENT TRADEMARK OFFICE	
	)			
	)			

**FEDERAL EXPRESS CERTIFICATE**

I hereby certify that I am forwarding this document, sequence listing and disk to the U.S. Patent and Trademark Office on the date specified, in an envelope addressed to 2011 South Clark Place, Customer Window, Box Sequence, Crystal Plaza Two, Lobby, Room 1B03, Arlington, Virginia 22202.

  
Blake CrouchFebruary 20, 2003  
Date of Mailing7907 0224 0097  
Federal Express Label Number

RECEIVED  
APR 14 2003  
TECH CENTER 1600/2900

---

**RESPONSE TO FEBRUARY 3, 2003 NOTIFICATION OF DEFECTIVE RESPONSE  
FOR U.S. PATENT APPLICATION NO. 09/914,549**

---

U.S. Patent and Trademark Office  
2011 South Clark Place  
Customer Window, Box Sequence  
Crystal Plaza Two, Lobby, Room 1B03  
Arlington, Virginia 22202

Sir:

Responsive to the February 3, 2003 Notification of Defective Response, the following documents are enclosed and submitted herewith:

- (1) a paper copy of the document entitled "Corrected Sequence Listing2.ST25" ("Sequence Listing");
- (2) a computer readable copy of the Sequence Listing recorded on February 19, 2003 and checked for errors using Checker Version 4.0 on February 19, 2003;
- (3) a statement under 37 C.F.R. §1.821 (f) for the Sequence Listing; and
- (4) a copy of the February 3, 2003 Notice of Defective Response for this application.

Applicants are submitting herewith a computer readable disk containing the sequence disclosed in the present application. Applicants previously submitted this replacement sequence on August 14, 2002, as prepared using PatentIn 3.1 software, in response to the July 26, 2002 Notice of Defective Response. Notably, the defects noted in the February 3, 2003 Notice of Defective Response were not directed to any defects associated with the August 14, 2002 sequence submission but rather a previously submitted defective sequence, as prepared using PatentIn 2.0. Applicants submit that no new matter has been introduced in the sequence listing submitted herewith.

No fee is required in connection with this response.

Respectfully submitted,



Marianne Fuierer  
Reg. No. 39,983  
Attorney for Applicants

**INTELLECTUAL PROPERTY/  
TECHNOLOGY LAW**  
P.O. Box 14329  
Research Triangle Park, NC 27709  
Telephone: (919) 419-9350  
Fax: (919) 419-9354  
**Attorney Ref: 4121-129**



PATENT APPLICATION

REJ  
APR 14 2003  
TECH CENTER 1600/1600IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re United States Patent Application of:	)	Customer No.:	23448	
	)			
Applicant:	Annemarie Poustka, et al.	)		
	)			
Serial No.:	09/914,549	)	Atty. Docket No.:	4121-129
	)			
Filing Date	24 August 2001	)	Confirmation No.:	9711
	)			
International Filing Date:	28 February 2000	)		
	)			
Title:	PROTEIN (TP) THAT IS INVOLVED IN THE DEVELOPMENT OF THE NERVOUS SYSTEM	)	23448	
	)			
	)		PATENT TRADEMARK OFFICE	

**FEDERAL EXPRESS CERTIFICATE**

I hereby certify that I am forwarding this document, sequence listing and disk to the U.S. Patent and Trademark Office on the date specified, in an envelope addressed to 2011 South Clark Place, Customer Window, Box Sequence, Crystal Plaza Two, Lobby, Room 1B03, Arlington, Virginia 22202.

Blake Crouch

February 20, 2003

Date of Mailing

7907 0224 0097

Federal Express Label Number

**STATEMENT OF IDENTITY UNDER 37 C.F.R. §1.821 (f)**

U.S. Patent and Trademark Office  
2011 South Clark Place  
Customer Window, Box Sequence  
Crystal Plaza Two, Lobby, Room 1B03  
Arlington, Virginia 22202

Sir:

I hereby state that I have prepared the paper copy of the document titled "Corrected Sequence Listing 2.ST25" and recorded such document on computer readable form on February 19, 2003, and that

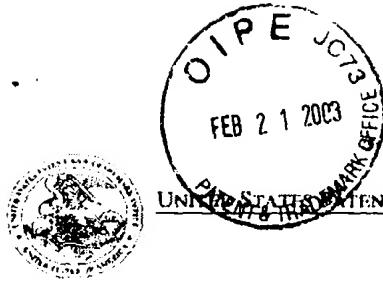
information recorded in computer readable form is identical to that on the paper copy of sequence listing submitted.

Respectfully submitted,



Marianne Fuierer  
Reg. No. 39,983  
Attorney for Applicants

**INTELLECTUAL PROPERTY/  
TECHNOLOGY LAW**  
P.O. Box 14329  
Research Triangle Park, NC 27709  
Telephone: (919) 419-9350  
Fax: (919) 419-9354  
**Attorney Ref: 4121-129**



RECEIVED

Page 1 of 2

APR 14 2003

TECH CENTER 1600/2900

Commissioner for Patents, Box PC-1  
United States Patent and Trademark Office  
Washington, D.C. 20231  
www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
09/914,549	Annemarie Poustka	4121-129
INTERNATIONAL APPLICATION NO		
PCT/DE00/00583		
I.A. FILING DATE	PRIORITY DATE	
02/28/2000	02/26/1999	

Steven J. Hultquist  
Intellectual Property/Technology Law  
P.O. Box 14329  
Research Triangle, NC 27709

CONFIRMATION NO. 9711  
371 FORMALITIES LETTER  
  
\*OC000000009463152\*

Date Mailed: 02/03/2003

## NOTIFICATION OF DEFECTIVE RESPONSE

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as an Elected Office (37 CFR 1.495):

- U.S. Basic National Fee
- Indication of Small Entity Status
- Priority Document
- Biochemical Sequence Diskette
- Biochemical Sequence Listing
- Copy of IPE Report
- Copy of references cited in ISR
- Copy of the International Application
- Copy of the International Search Report
- Oath or Declaration
- Preliminary Amendments
- Small Entity Statement

Applicant's response filed 08/14/2002 is hereby acknowledged. The following requirements set forth in the NOTIFICATION of MISSING REQUIREMENTS mailed 05/29/2002 have not been completed.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

*Response: 3/3/03 ✓ DM*

Applicant is required to complete the response within a time limit of ONE MONTH from the date of this Notification or within the time remaining in the response set forth in the Notification of Missing Requirements, whichever is the longer. No extension of this time limit may be granted under 37 CFR 1.136, but the period for response set in the Notification of Missing Requirements may be extended under 37 CFR 1.136(a).

The following items **MUST** be furnished within the period set forth below:

- The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with

the requirements for such a disclosure as set forth in 37 CFR 1.821-1.825 for the following reason(s):

- A copy of the "Sequence Listing" in computer readable form has been submitted. The content of the computer readable form, however, does not comply with the requirements of 37 CFR 1.822 and/or 1.832, as indicated on the attached marked-up copy of the "Raw Sequence Listing."
- The computer readable form that has been filed with this application has been found to be damaged and/or unreadable as indicated on the attached CRF Diskette Problem Report. A substitute computer readable form must be submitted as required by 37 CFR 1.825(d).
- **APPLICANT MUST PROVIDE:**
  - An initial or substitute computer readable form (CRF) of the "Sequence Listing."
  - An initial or substitute paper copy or compact disc of the "Sequence Listing," as well as an amendment directing its entry into the specification.
- For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:
  - For Rules Interpretation, call (703) 308-4216
  - To Purchase Patentin Software, call (703) 306-2600
  - For Patentin Software Program Help, call (703) 306-4119 or e-mail at patin21help@uspto.gov or patin3help@uspto.gov

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

VONDA M WALLACE

---

Telephone: (703) 305-3736

PART 1 - ATTORNEY/APPLICANT COPY

---

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
09/914,549	PCT/DE00/00583	4121-129

FORM PCT/DO/EO/916 (371 Formalities Notice)